

# BURNER REGISTER SETUP

## UNIT 1

4/8/92  
A.Nissen

Initial burner setup positions for new B&W burners with flame stabilizers and shrouding, beginning of Unit 1 Spring Outage, before air flow balancing.

### Outer Registers (Air Doors)

Outer Zone Air Door Position: 4 1/4" open (back of brace to door)  
(ratchet-type handle) (26.5 degrees open)

Shrouding: 6" total opening initial setting  
Front Shroud (furnace side), variable 2 1/4" close  
max close: 4 1/2" min close: 0"  
Rear Shroud (windbox side), fixed 1 3/4" close

Notes: Original opening: 10"  
with shrouds max opening 8 1/4", min opening 3 3/4"

### Inner Registers (Spin Vanes)

Backplate: 3 1/2" open  
(1- 2 1/4" push-pull handle)

Spin Vane Position: full open, no spin  
(2- 1" tandem push-pull handles) (90 degrees open)

